

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Patent Application of:

Kazuhiro MACHIDA et al.

Application No.: 10/577,655

Confirmation No.: 3246

Filed: May 01, 2006

Art Unit: 1633

For: DNA PARTICIPATING IN  
HYDROXYLATION OF MACROLIDE  
COMPOUND

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Examiner: J. Epps-Smith

**REPLY UNDER § 1.116**

**MS AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In reply to the Office Action dated September 15, 2010, the following remarks are respectfully submitted in connection with the above-identified application.

**Remarks** begin on page 2.